METHOD FOR FILE TRANSFER RESTARTS USING
STANDARD INTERNET PROTOCOL

ABSTRACT OF THE DISCLOSURE

5   A method of downloading a file from a Internet server to an Internet client, preferably without action by the Internet client. The method begins by associating the file into a set of components at the server. A profile of the file is then generated. This profile includes identifying information for

10   the file as well as for each component thereof. Such information preferably includes an identifier, a size value, and a code uniquely identifying the component. The file is transferred by initiating a download sequence by which each component is transferred, one-by-one, from the server to the

15   client using an Internet protocol. When the download sequence is complete, the individual components are reassembled into the file using the profile without action by the Internet client. If the transmission is interrupted for any reason, the download sequence is restarted with the

20   component affected by the interruption. This avoids the need to retransfer the entire file.